

Work Order ID 141233

Tuesday, February 02, 2016 10:56:21 AM

141233

Page 1

Item ID: D5370-1

Accept

Revision ID: PRELIM

Item Name: Fitting

Start Date: 2/2/2016

Start Qty: 1.00

1

Required Date: 2/9/2016

Req'd Qty: 1.00

1***N9000040100***

Setup Start

NS1

Stop

NS2

Reference:

Approvals: Process Plan: ML5 Date: FEB 02 2016

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D5370

PA3

rev A

DAS

9

9-89

100

0.00

100

Lathe Conv

Memo

0.00

Conventional Lathe

TURN AS PER DWG
DWG REV: A3

DEBURR

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

PRELIMINARY ISSUE
DAS 9-89

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Work Order ID 141233

Tuesday, February 02, 2016 10:56:21 AM

141233**PI... ISSUE**

Page 2

Item ID: D5370-1

Accept

Revision ID: PRELIM

N900040100

Setup Start

NS1

Item Name: Fitting

Stop

NS2

Start Date: 2/2/2016

Start Qty: 1.00

1

Cust Item ID:

Required Date: 2/9/2016

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

111

111

Mill Conv

Memo

0.00

Conventional Milling Machine

DRILL LOCK WIRE HOLES

10J.C.L. 16-02-04

112

112

QC

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

Quality Control

10J.C.L. 16-02-04

120

120

QC

QC8- Inspect parts - second check

0.00

Memo

0.00

Quality Control

10J.C.L. 16-02-04
OAS
38
9-89
FEB 08 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER :			

Work Order ID 141233

Tuesday, February 02, 2016 10:56:21 AM

141233**PRELIMINARY ISSUE**

Page 3

Item ID: D5370-1

Accept

N900040100

Setup Start

NS1

Revision ID: PRELIM

Item Name: Fitting

Stop

NS2

Start Date: 2/2/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 2/9/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location

0.00

130

Packaging

Memo

0.00

Packaging

5/165

①

OCT 12 2016

DAS
6
9-89

colin d... 1603-07
W. W. A.
FEB 08 2016
DAS 38 9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ FEB 16 2016

POSITIVE RECALLEFFECTIVE FEB 02 2016 AUTH MLJRELEASED 9-89 DATE 16-10-11

at row A
as per ECD16-533.
RD16-799-04

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐							
		OTHER : ☐							

Picklist Print

Tuesday, February 02, 2016 10:56:25 AM

PRELIMINARY ISSUE

Page 1

Work Order ID: 141233

141233

Parent Item: D5370-1

D5370-1

Parent Item Name: Fitting

Start Date: 2/2/2016

Required Date: 2/9/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A NEW ISSUE 16-02-01 VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN919-6J		Purchased	No				Each	5.0000		1			

AN919-6.J

Reducer

**

Location

Loc Qty

Loc Code

ST323

5

m134070

5

4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

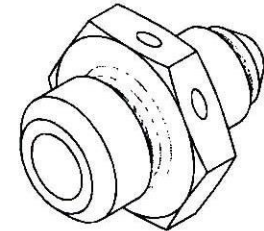
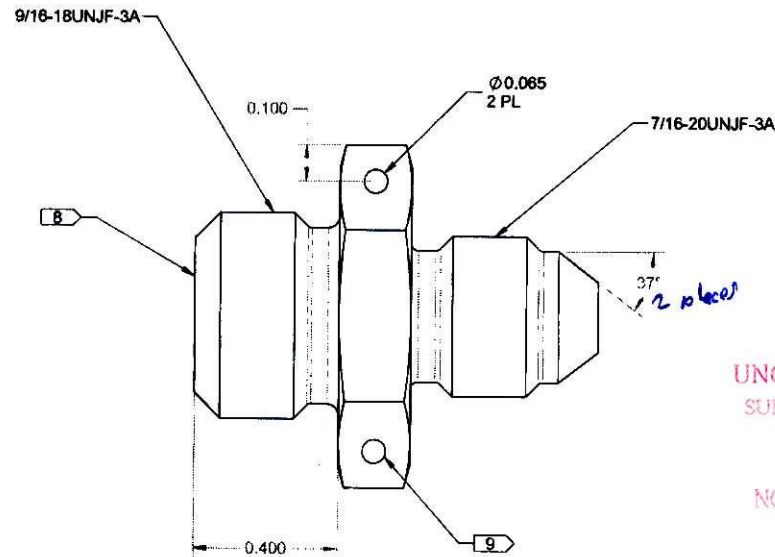
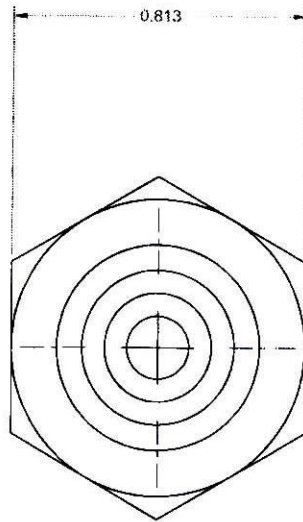
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval 	
Description Work Order Deviation				Disposition					
								Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	

Root Cause				FAULT CATEGORY			
Environment ☐	☐ No Re-verification	☐ Pressure/Forced	☐ Temperature/Cure	☐ Power Loss/Surge	☐ Positioned Wrong		
Design ☐	☐ Operator	☐ Bending	☐ Set-up	☐ Folio/Program	☐ Outside Dimensions		
Doc/Data ☐	☐ Offset/Setup	☐ Centre Not Concentric	☐ BOM/Route	☐ Grain	☐ Over/Under tolerance		
Equip/Tooling ☐	☐ Supplier	☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Part Incorrect		
Handling/Pre ☐	☐ Training	☐ Crimp/Kink/Ripple/Wave	☐ Inspection Incomplete/Unqualified	☐ Wrong Stock Pulled	☐ Part Lost/Missing		
Material ☐	☐ Use for Testing	☐ Cuffs	☐ Contamination	☐ Out of Sequence	☐ Part Moved		
Internal Transport ☐	☐ Poor Information	☐ Crushing	☐ Countersink	☐ Off-set	☐ Drawing		
Tribal Knowledge ☐	☐ Rushing	☐ Heat Treat	☐ Cut Too Short	☐ Mislabeled	☐ Finish		
LOA ☐	☐ Product Improvement	☐ Wave/Twist in Tube	☐ Instructions Incomplete/Unclear	☐ Fit/Function	☐ Misread		
Substation ☐	☐ Process Improvement	☐ Marks/Chatter	☐ Drill Holes	☐ Misaligned/off center	☐ Turning Sequence		
Past Expiry Date ☐	☐ Manufacturing Process	OTHER : _____					
Misidentified ☐	☐ Past Due						

PRELIMINARY ISSUE



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER

NO. 141233 MJS
160202

D5370-1 FITTING

NOTES:

- 1) MATERIAL: MAKE FROM AN919-6J OR AN919-6K
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
- 7) WEIGHT: 0.06 lbs
- 8) REMOVE MATERIAL FROM END TO ACHIEVE THE DIMENSIONS SHOWN
- 9) LOCKWIRE HOLES SHALL BE CENTRED ON HEX

PRELIMINARY ISSUE

REV.	NEW ISSUE	DESCRIPTION	CC	16.01.07
DESIGN	CC		BY	DATE
DRAWN	CC			
CHECKED	AK			
MFG. APPR.	JLM			
APPROVED				
DE APPR.				
DATE	16.01.07			

DART AEROSPACE USA INC
EUGENE, OREGON, USA

DRAWING NO. D5370 REV. A3

SHEET 1 OF 1

TITLE FITTING SCALE NTS

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

Receiving Report

Date: 16-01-25.

Batch No: 134070

Supplier: KIK.

Dart P/O: 31084

Packing Slip: Yes ☒ No ☐
 Invoice: Yes ☒ No ☐
 Receipt: Cash ☐ Cr ☒
 New Supplier Yes ☐ No ☒

Release Note Attached: Yes ☒ No ☐ N/A ☐
 Waybill Attached: Yes ☒ No ☐
 Shipment Complete: Yes ☒ No ☐ N/A ☐
 QC18 Inspection ☐ N/A ☒
 Work Order ☐ N/A ☒

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

SP

Production/Admin:

Date

Received/Costing

Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO31084**

Purchase Order Date 1/21/2016

PO Print Date 1/21/2016

Page Number 1 of 2

Order From :

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

VU-KLX01

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

JAN 21 2016

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	MS35206-229 ✓ 371	Screw	1/26/2016 Yes 1/26/2016		150.00 ✓ Each	\$0.10	\$15.00
Line Total:							\$15.00
2	AN525-832R7 ✓ 328	Screw	1/26/2016 Yes 1/26/2016		150.00 ✓ Each	\$0.14	\$21.00
Line Total:							\$21.00
3	AN919-6J ✓ 323	Reducer	1/26/2016 Yes 1/26/2016		5.00 ✓ Each	\$7.38	\$36.90

8016-21-25

Note:

1/21/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO31084

Purchase Order Date 1/21/2016

PO Print Date 1/21/2016

Page Number 2 of 2

Order From :

VU-KLX01

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx Economy collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency USD

FOB Destination-Collect

Line Total: \$36.90

4 71401-45

PROCUREMENT
QUALITY CLAUSES

1/26/2016

1.00 ✓

\$0.00

\$0.00

No

1/26/2016

Procurement Quality Clauses

A005 RIGHT OF ENTRY

A012 CHEMICAL AND PHYSICAL TEST REPORTS

A016 PERSONNEL QUALIFICATION

A026 CERTIFICATION OF MATERIAL CONFORMANCE

A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT

A033 STATEMENT OF CONFORMITY/TEST RECORDS
FOR NAS, AN and MS FASTENERS

A040 NOTIFICATION OF QUALITY ESCAPE

A041 QUALITY MANAGEMENT SYSTEM

A043 RETENTION OF QUALITY DOCUMENT

Line Total: \$0.00

PO Total: \$72.90

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 1/21/2016



Tel: +1.305.925.2800 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J38BM9

PAGE 1

SOLD TO:

002409
DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7



SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

HOT

ORDER NO. PO31084		DATE 01/21/16	SHIP VIA FEDX INTL ECON COLL		TERMS NET 45		SHIPPING TERMS FOB-WICHITA		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION			PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
2	150	AN525-832R7 TARIFF: 7318.15.6080 Description: SCREW ECCN: 9A991.d MFR: CRESCENT MFG. CTRL#: 2015H27244 LOT#: 89B66 LOT QTY: 150 Country of Origin USA These commodities, technology, or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited.			0.140	EA	0	150	21.00
CONTINUED									
MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.									

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10900 E 26TH ST N., WICHITA, KS 67226

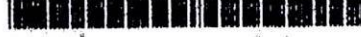
MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENTAL REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.



PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:

<http://www.KLXAerospace.com/conditions-sale/>



Vice President of Quality



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com
Remit to Address: 88289 Expedite Way, Chicago, IL 60685-0001
Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York
ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

J38BM9

PAGE 2

SOLD TO:
002409

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.	DATE	SHIP VIA	TERMS	SHIPPING TERMS			
PO31084	01/21/16	FEDX INTL ECON COLL	NET 45	FOB-WICHITA			
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION	PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
		*** SHIPPED 1 CTN *** # 1=CTN 1# 0 OZ. 576317268574 FREIGHT ACCT# 15179324-0 TEL# 613-632-3336 DIMENSIONS: 6X6X4					
8/6 01-25							
INVOICE#.....	J38BM9						
ORDER#.....	A251H5						
							SUBTOTAL : 21.00
							HANDLING : 0.00
							DISC/ALL : 0.00
							INCM FRT : 0.00
							FREIGHT : 0.00
							TOTAL : 21.00USD
							U.S. CURRENCY
tre	A251H5	SHIPPED ON 01/21/16					

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10900 E 26TH ST N., WICHITA, KS 67226

MATERIAL CERTIFICATION: KLX INC. ("KLX AEROSPACE SOLUTIONS") WARRANTS THAT THE ITEMS SUBJECT OF THIS INVOICE WILL BE FREE FROM DEFECTS OF MATERIAL AND WORKMANSHIP AND, AS SET FORTH ON THE MATERIAL CERTIFICATION FORM ACCOMPANYING THE ITEMS SUBJECT OF THIS INVOICE, ARE IN CONFORMITY WITH ALL CURRENT GOVERNMENT REQUIREMENTS AND THE SPECIFICATIONS OF THE RESPECTIVE MANUFACTURERS. KLX AEROSPACE SOLUTIONS DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ALL WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THE LIABILITY OF KLX AEROSPACE SOLUTIONS IS EXPRESSLY LIMITED EXCLUSIVELY TO REPLACEMENT BECAUSE OF A DEFECT IN MATERIAL OR WORKMANSHIP SUCH REPLACEMENT SHALL OF ANY ITEM WHICH IS REJECTED CONSTITUTE SATISFACTION OF ALL LIABILITY KLX AEROSPACE SOLUTIONS MAY HAVE IN CONNECTION WITH SUCH ITEM, WHETHER LIABILITY IS BASED UPON CONTRACT RIGHTS, NEGLIGENCE, OR OTHERWISE, AND IN NO EVENT SHALL KLX AEROSPACE SOLUTIONS BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES. FURTHER, KLX AEROSPACE SOLUTIONS MUST BE NOTIFIED OF A REJECTION OF AN ITEM WITHIN 30 DAYS AFTER RECEIPT BY THE CUSTOMER.

PACKING SLIP

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS PACKING SLIP, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXAerospace.com/conditions-sale/>

Vice President of Quality

CRESCENT MANUFACTURING

P.O. BOX 1350
BURLINGTON, CT 06013-1350
(860) 673-2591 FAX (860) 673-5973

Picking Ticket	37030
Document Date	5/28/2014
Page	1
Date Time Printed	8/17/2015 12:32:18 PM

Bill To:

KLX AEROSPACE SOLUTIONS
PO BOX 025263
MIAMI FL 33102-5263
UNITED STATES

Ship To:

KLX AEROSPACE SOLUTIONS
9835 NW 14TH ST
MIAMI FL 33172
UNITED STATES

NO OVER 150#+ FX FRT 018757
FED X SAVER 033101490

Customer ID	Purchase Order No.	Shipping Method	UPS Account No.	Date	
11610	0YJK97	TRUCK	UPS 363159	8/17/15	
Item Number	Description	Location	Stk Amt	Pick Qty	Qty Picked
AN525-832R7*	8-32 X .437 PH TRUSS WASHER CL3A W/GRIP 4037 STEEL HARD CAD TYPE 2 CL2 REV 3 DFARS 26X12.5m 1 x 1.7m			346.6	326.7m 27 boxes CALL Complete
CTD	CHEM & PHYS TEST REPORT DFARS COMPLIANT SHIP 2/6/15 SURE NOT B4.			1.0	

VENDOR Wire Tech
DIA & TYPE 152 4037
HEAT # 10303760

CRESCENT MFG
T.R. NO 89865

APW: 0.00360605 Lbs

APW__

MADE IN THE USA

CERTIFICATE OF COMPLIANCE TEST REPORT

No. 89866

FORM REV A 11/09

MADE IN THE U.S.A.

CUSTOMER NAME KLX AEROSPACE SOLUTIONS

PART NO. AN525-832R7* REV 3

PURCHASE ORDER NO. 0YJK97

INTERNAL ROUTING NO. 37030

QUANTITY three hundred twenty six thousand seven hundred

MATERIAL/SPECIFICATION .152 4037 STL WIRETECH 10303760

DATE 8/17/2015

PARTS CONTAINED IN THIS SHIPMENT HAVE BEEN MANUFACTURED AND INSPECTED IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS.

PHYSICAL PROPERTIES

TENSILE STRENGTH HARDNESS SCALE

- | | |
|----------------|----|
| 1) 1949.0 LB T | 1) |
| 2) 1966.0 LB T | 2) |
| 3) 1983.0 LB T | 3) |
| 4) 1990.0 LB T | 4) |
| 5) 1987.0 LB T | 5) |
| 6) 1953.0 LB T | 6) |
| 7) 1999.0 LB T | 7) |
| 8) 1985.0 LB T | 8) |

CONFORMS TO THE PROCUREMENT SPECIFICATIONS OF:

NASM 7839

DFARS 252.225-7009

OTHER MECHANICAL TEST DATA

- ☐ MEET MAGNETIC PERMEABILITY REQUIREMENTS OF FF-S-92B, MIL-I-17214B, AND ASTM A342/A 342M TEST METHOD 3.

PARTS ARE FREE FROM MERCURY AND ASBESTOS CONTAMINATION.

PART(S) COVERED UNDER THIS CERTIFICATION ARE CONFLICT MINERAL FREE AND IS/ARE IN COMPLIANCE WITH THE DODD-FRANK ACT.

VISUAL AND DIMENSIONAL INSPECTION SATISFACTORY.

OTHER TESTING:

FINISH

CAD TYPE 2 CL2 PER AMS QQ-P-416D

ADDITIONALLY, AN ANSI/ASQC Z 1.4 SAMPLE OF THE FINISHED FASTENERS WERE TESTED IN ACCORDANCE WITH APPLICABLE SPECIFICATIONS. SAMPLE PARTS AND THE TEST DATA ARE IN OUR RECORDS RETENTION AREA AS OBJECTIVE EVIDENCE AND WILL BE HELD AS REQUIRED.

INSPECTED TO ZERO ACCEPTANCE SAMPLE / INDEX VALUE 2.5

Signature

BRIAN LESIEUR, QC MGR

Cage Code #63020

CRESCENT MANUFACTURING OPERATING, CO.



700 George Washington Turnpike, Burlington, CT 06013, U.S.A.
Telephone: (860) 673-2591 Fax: (860) 673-5973



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31084

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
1	150	EA	MS35206-229		47105011-10	SAN SHING HARDWARE W	SU6S1		


Jason Lewis

01/21/16

Senior Director, Global Quality

Inv # 01/21/16

**SAN SHING**

Fastech Corp.



NVLAP LAB CODE 2001060

NO. 1F, 355-8, Sec. 3, CHUNG SHAN ROAD, KUEI-JEN DIST., TAINAN CITY, TAIWAN, R.O.C.
TEL: (886-6) 2306611 FAX: (886-6) 2306000**INSPECTION CERTIFICATE**

CUSTOMER	B/E AEROSPACE INC		
PART NAME	PAN HEAD W/RECESS SCREW		
DATE OF MANUF.	Dec. 22, 2014	REPORT NO.	B141229-0057
SIZE	#6-32 x 7/16"	INVOICE NO.	T4C110
LOT NO.	47105011-10	GRADE	
PART NO.	BRA1CN6ZL00Z10 A00N	S/C NO.	471050-01
CUST. PART NO.	MS35206-229	SHIPPING NO.	T4C110-08
PACKING NO.	R4C39001	QUALITY SPEC.	
ORDER NO.	OSHZ82-8	MECHANICAL	FF-S-92
DIMENSION	NASW35206	SAMPLE BY	YA-HUI HSIEH
SAMPLING PLAN			
SURFACE	Cadmium 0.0002" MIN. SST 96HRS TO WHITE (AMS-QQ-P-416)		

MATERIAL CHEMICAL ANALYSIS in % SPEC.: SAE 1022 AL-KILL, ϕ 5.5											HEAT NO. 3TY92			
C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Nb	Al			
x100	x100	x1000	x1000	x100										
18	70	MAX	MAX											
23	100	30	50											
20	83	16	7	5							26			

According to 311050 Material Certificate From Steel Manufactory

LOT QTY: 504,400 PCS		DIMENSIONS IN inch			
	DIMENSIONS	SPEC.	SAM. QTY	RESULTS	REMARK
1	Head diameter	0.256-0.270 inch	315	0.265-0.266	
2	Head height	0.087-0.097 inch	315	0.093-0.093	
3	Radius on edge of head	min. R0.39	315	2.38-3.13	
4	Recess penetration depth	max. 0.091 inch	315	0.074-0.076	
5	Recess diameter	0.153-0.166 inch	315	0.159-0.160	
6	Recess width	min. 0.028 inch	315	0.034-0.035	
7	Radius of fillet transition	max. R0.53	315	0.39-0.41	
8	Nominal length	0.407-0.438 inch	315	0.425-0.426	
9	Pitch diameter	0.114-0.117 inch	315	OK	
10	Major diameter	0.131-0.137 inch	315	0.135-0.135	
11	The length of full minor diameter	0.040-0.083 inch	315	0.052-0.056	
12	Incomplete thread length	max. 0.062 inch	315	0.042-0.046	
13	Tensile strength	min. 545 lb	8	618.2-631.4	
14	SST White corrosion	96 hrs	8	OK	
15	Apperance	Visual	315	OK	

THIS LOT IS PRODUCED IN ACCORDANCE WITH ISO/TS 16949 (01 111 033535), CONFORMING TO THE FQA.
PERFORMED BY Chung RESPONSIBLE REPRESENTATIVE CHIEF OF Q.C. San Chen

SIGNATURE

San Chen

HEARTLAND PRECISION FASTENERS
301 Prairie Village Drive
New Century, Ks. 66031
Ph: (913)829-4447
Fax: (913)829-7202

****Certification****

Date: 3/24/2015

Customer:

SAN SHING FASTECH CORP.

Process: AMS-QQ-P-416, Revision C, Type II, Class 3.

P.O Number: 0SHZ82
Part Number: MS35206-229
Quantity: 504,470
Weight: 1,114
HPF Lot Number: 46905

**Heartland Precision Fasteners certifies that the above parts have been
cadmium plated per specification:**

AMS-QQ-P-416, Rev. C, Type II, Class 3

Authorized Signature:


Brad Cummings





P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXaerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172

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FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO31084

LNE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	Eff Date	EXP DATE
3	5	EA	AN919-5J		7338	INLAND MACHINE	6W617		


Jason Lewis
Senior Director, Global Quality

01/21/16

Inv # 01/21/16

INLAND MACHINE COMPANY

MANUFACTURING AN-MS-NAS HYDRAULIC FITTINGS

MANUFACTURER'S AFFIDAVIT

I, RONALD DORFF hereby certify that the below named parts
(Name)

were manufactured by INLAND MACHINE COMPANY located at
(Company Name)

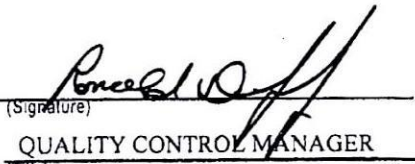
10762 EDISON CT
(Street Address)

RANCHO CUCAMONGA, CA
(city) (State)

91730
Zip Code

Part No.	Part Description
AN919-6J	REDUCER, BOSS REV 9
JOB# 7338	

I further certify that should any change in the manufacturing process occur which changes the country of origin; I will immediately notify B/E Aerospace Hardware, Inc. in writing and provide a new Manufacturer's Affidavit.

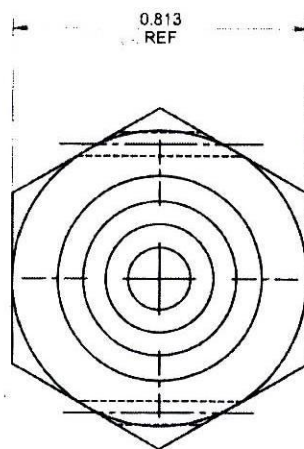

(Signature)

QUALITY CONTROL MANAGER
(Title)

JUNE 24, 2013
(Date)

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10762 EDISON COURT - RANCHO CUCAMONGA, CA 91730 - 909-484-5579 - FAX 909-484-4825
EMAIL: imciffings@earthlink.net



9/16-18UNJF-3A
REF

0.369

8

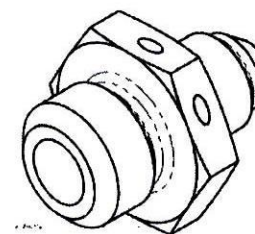
Ø0.065
2 PL

7/16-20UNJF-3A
REF

37° REF

0.40

9



D5370-1 FITTING

NOTES:

- 1) MATERIAL: MAKE FROM AN919-6J OR AN919-6K
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044 6.7
- 7) WEIGHT: 0.08 lbs
- 8) REMOVE MATERIAL FROM END TO ACHIEVE THE DIMENSIONS SHOWN
- 9) LOCKWIRE HOLES SHALL BE CENTRED ON HEX

RELEASED
2016-10-05
ECN 16-588

APPROVED

A NEW ISSUE		CC	16.01.07
REV.	DESCRIPTION	BY	DATE
DESIGN	CC		
DRAWN	CC		
CHECKED	AK		
MFG. APPR.	JLM		
APPROVED	HS		
DE APPR.	DS		
DATE	16.01.07		
		DART AEROSPACE USA INC EUGENE, OREGON, USA	
		DRAWING NO.	REV. A
		D5370	SHEET 1 OF 1
		TITLE	SCALE
		FITTING	NTS
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